

## **BUREAU OF PUBLIC WATER SUPPLY**

CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

		List PWS ID #s for all Water Systems Covered by this CCR
The Fee confider must be	deral Safe Drink nce report (CCR) mailed to the cu	ing Water Act requires each <i>community</i> public water system to develop and distribute a consumer to its customers each year. Depending on the population served by the public water system, this CCR stomers, published in a newspaper of local circulation, or provided to the customers upon request.
Please 2	Answer the Follo	owing Questions Regarding the Consumer Confidence Report
	Customers were	informed of availability of CCR by: (Attach copy of publication, water bill or other)
		Advertisement in local paper On water bills Other
	Date customer	rs were informed://
	CCR was distr	ributed by mail or other direct delivery. Specify other direct delivery methods:
	Date Mailed/Dis	stributed://
	970	hed in local newspaper. (Attach copy of published CCR or proof of publication) aper: (Attach copy of published CCR or proof of publication)
	CCR was posted	in public places. (Attach list of locations)
	Date Posted:	<u>/ /</u>
	CCR was posted	on a publicly accessible internet site at the address: www
CERTI	FICATION	
the forr consiste Departr	n and manner id ent with the wat nent of Health, B	ensumer confidence report (CCR) has been distributed to the customers of this public water system in entified above. I further certify that the information included in this CCR is true and correct and is er quality monitoring data provided to the public water system officials by the Mississippi State ureau of Public Water Supply.  Mayor, Owner, etc.

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518

Page

BNI, Inc, dba Impact of Laurel

Acctg. only 601-825-4004

P.O. Box 103

Brandon, MS 39043-0103 Telephone 601-649-1129 Invoice # 78644 Invoice Date 6/03/09

78644

Bill To: Hiwannee Water Assoc. 19

Attn: Sarah Doby

802 Azalea Dr.

Waynesboro, MS 39367

Deliver To: Hiwannee Water Assoc. 19

Sarah Doby Attn:

802 Azalea Dr.

Waynesboro, MS 39367

Customer #: 1109 Your PO:

Terms: due by the 10th

Item-#	Description	Qty	Unit	Price	Ext-price
	column inch lumn inch ad	67.0	EA	9.00	603.00
ad ran on t	certify that the above the date specified.			TOTAL les Tax scount	603.00
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	BAI	ANCE D	UE>	603.00

Notary Public Wax

## 2008 Annual Drinking Water Quality Report

Hiwannee Water Association Inc.
PWS ID: 0770005 and 0770008

May 2009

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the lower Wilcox Aquifier.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Hiwanee Water Association have received a lower susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Sarah Doby at 601-735-5249. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Tuesday of each month at 8:30 AM at 929 Wayne St., Waynesboro, MS 39367.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during and for the period of January 1st to December 31st, 2008. In cases where monitoring wasn't required in 2008, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sorces such as agriculture, urban storm-water runoff, and residential uses; organic chemicals contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety

PWS ID#	077000	5 dime ton		TEST RES	ULTS				College Smaller
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely So	urce of Contamination
Microbiol	ogical C	Contamin	ates						
1. Total Coliform Bacteria		May	Positive		NA	0	O Presence of coliform bacteria in 5% of monthly sample		Naturally present in the environment
Inorganic	Contan	ninates		TINK					
8. Arsenic	N 7032	2008	1.4	No Range	ppb	n/a	50	Erosion of natural deposits; runof from orchards; runoff from glass and electronics production wastes	
10. Barium	N	2008	.009	No Range	ppm		2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	
13. Chromium	N	2008	7.5	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits	
14. Copper	N	2008	.4	O CALLAND	ppm	1.3	AL = 1.3	Corrosion of household plumb- ing systems; erosion of natural deposits; leaching from wood preservatives.	
16 Fluoride	N	2008	.358	No Range	ppm	4	4	Erosion Of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.	
17. Lead	N	2008	2 .	0	ppb	0	AL = 15	Corrosion of household plumbing systems, erosion of natural deposits.	
21. Selenium	N	2008	4.9	No Range	ppb	50	50	metal refir	from petroleum and eries; erosion of natural ischarge from mines.
Disinfection	on By-P	roducts							8.75E071
81. HAA5	N	2008	3.5	3-4	ppb	0	60.	By-product of drinking water disinfection	
82. TTHM (Total trihelomethanes)	N	2008	75.25	44-95	ppb	0	80	By-product of drinking water chlorination	
Chlorine	N	2008	1.38	.5 - 1.38	ppm	0	MDRL = 4	Water add	itive used to control

PWS #: 0	770008			TEST RESU	LTS			Market Mark
Contaminant Violation Y/N		Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic	Contan	ninants	add in to the del	H sales	profession of the profession	Dec 9793 July		Tempor in to make and burt
10. Barium	N	2006*	.030	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2008	.6	0	ppm	1.3	AL = 1.3	Corrosion of household plumbing systems; erosion of natural deposit leaching from wood preservatives
17. Lead	N	2008	2	0	ppb	0	AL = 15	Corrosion of household plumbing systems, erosion of natural deposit
Disinfectio	n By-Pr	oducts			ngenize	mol		Coke, Diet
82. TTHM (Total trihelomethanes)	N	2007*	12.76	No Range	ppb	0	80	By-product of drinking water chlorination
Chlorine	N	2008	2	1-2	ppm	0	MDRL = 4	Water additive used to control microbes

Most recent sample. No sample required for 2008.

Microbiological Contaminates

(1.) Total Coliform. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

(82.) Total Tribalomethanes (TTHMs) Some people who drink water containing tribalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys

or central nervous systems, and may have an increased risk of getting cancer.

In May 2008 system #770005 had a sample containing Total Coliform. In cooperation with the Mississippi Department of Health, the necessary measures were taken to return the system to compliance. We are pleased to report that the re-samples were free of the bacteria.

In 2008 our testing results for the system #770005 showed that we exceeded the standard or maximum contaminant level for Disinfection By-products. We flushed our lines and adjusted the chlorine levels.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. Beginning in January 1, 2004 The Mississippi State Department of Health (MSDH) required public water systems that use chlorine as a primary disinfectant to monitor/test for chlorine residuals as required by the Stage 1 Disinfection By-products Rule. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

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If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service line and home plumbing. Our Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposuremy flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concered about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic or organic or hemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants.

and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection

does not necessarily indicate that the water poses a health risk. Note information about contaminants and potential state potential state poses a health risk. Note information about contaminants and potential state potential state poses a health risk. Note information about contaminants and potential state potential

## \*\*\*\*\* MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING\*\*\*\*\*

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for redionuclides beginning January2007 -December 2007. Your public water supply completed sampling by the scheduled deadline however during the audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue

as quickly as possible If you have any questions, please contact Melissa Parker Deputy Director, Bureau of Public Water Supply at 601.576.7518.

The Hiwannee Water Association works around the clock to provide quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future